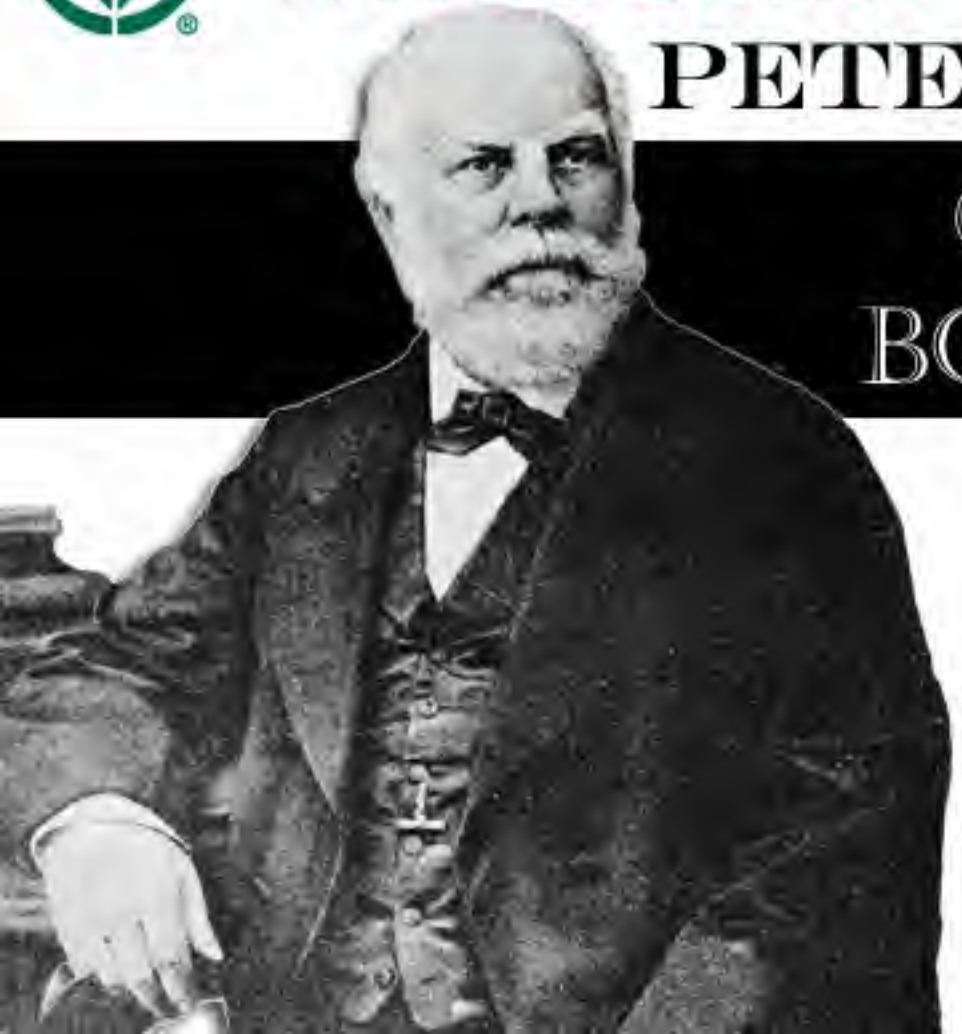
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

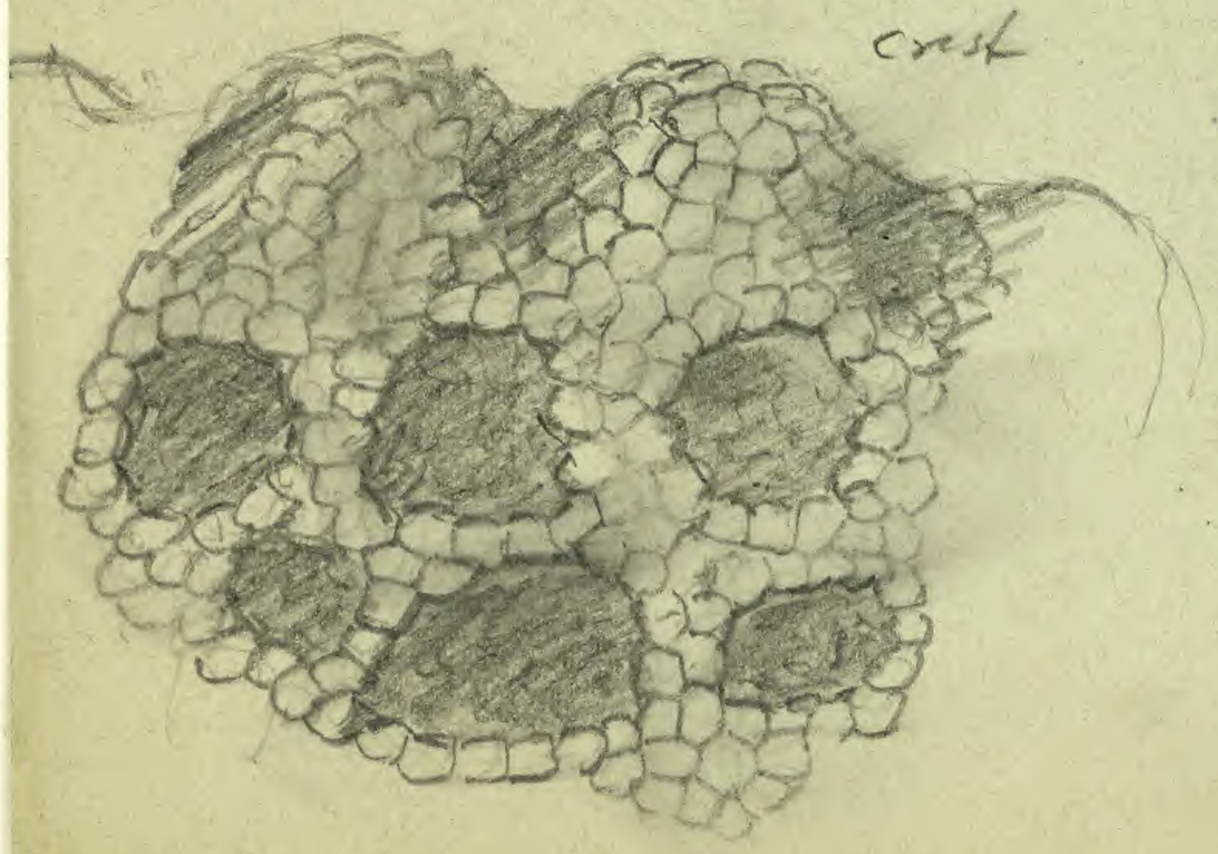
Cereus Xoconochtle Aug 29 1870

or Joconoztle = Sp. Name

Tehuacan

×8

umbilicus a deep circular hole



crest

side view or sometimes a little oblique

side view oblique

surface dull & not × bo mat, not shining, convex rolls form reticulations with deep furrows between them

1715

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cm
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ALEX. LEITCH,

APOTHECARY & CHEMIST,

Cor. 4th and Olive Sts., St. Louis.

0 1 2 3 4 5 6 7 8 9 10
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congestion make it advisable.

If the olecranon alone be fractured, a more or less straight position is usually advised. Do not suppose that because the olecranon is fractured, it is drawn up the arm by the triceps muscle, as indicated in the plates. On the contrary, it is generally retained pretty nearly in its place by the lateral ligaments. A member of the class once asked me, "What if the olecranon and internal condyle be both fractured?" In reply, I should say, wait until it occurs. A semi-flexed position might then be a compromise between a widened crack of the ulna and the far more serious deformity resulting from a displacement of the fragments of the humerus for the want of a right-angled flexion. But in inventing an injury of such possible occurrence, do not lose sight, in the very frequently recurring fracture of the condyles of the humerus, of the absolute importance of drawing the arm forward at right angles, and confining it in this position by an internal angular splint. It is the tendency to backward displacement of the forearm that commonly leads to deformity in those cases.

Now let us suppose that a fracture of the elbow-joint has been overlooked, and the arm placed in a sling, as above described; or that a simple bandage has been applied to it, perhaps with leeches and cooling applications, and that everything but the proper thing has been done, or, indeed, that the injury has been so severe as necessarily to entail a very limited motion of the joint at the expiration of perhaps four to six weeks. Consult the books upon the subject, and you will there find that it is

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6021-5

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through even a very [illegible] elasticity due to the elasticity of the ligaments, but in a way to satisfy the surgeon that the cartilages are sliding one upon the other, however little, my rule is to leave the rest to nature, with entire confidence in the result; allowing the patient to take off his splint daily, and as he pleases; to flex and extend it as the pain and tenderness may allow him, encouraging him in his attempts to reach his forehead with his hand. I have also often advised a patient to bore holes in a soft board with a small gimlet, to increase the power of rotation. But if the cartilages do not slide through even a small arc, and motion is restricted, elastic and springy, owing to bony deformity, so much the worse for the patient, and so much the longer and less perfect the recovery. I do not believe you can accelerate it by passive motion, as the term is usually understood; you give the patient a good deal of suffering and the joint a good deal of inflammation. If these views of passive motion are correct, the teaching of the books should be received with considerable qualification

. . . Exactly how far these remarks on passive motion apply to the knee and other joints and injuries, I will not attempt here to define, but can only say that I have seen more harm than good arise from forcible flexion of the knee after rheumatism and after fracture of the shaft of the femur. In simple fractures of the elbow, except of the olecranon, these remarks may be summed up as follows:—always etherize the patient, go through the motions of reducing a backward dislocation of the forearm, and apply an internal angular splint. When there is bony deformity or projecting callus, passive motion does harm; and when the bones are in place and under supervision, it is unnecessary.

---

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Cereus gemmatus

June 26 1870

S. aculeatus

Dr Roselger leg. Sept 1850 - Colo. Tampico & Monterey

(white flowers 1½ inches long

×8

not quite ripe

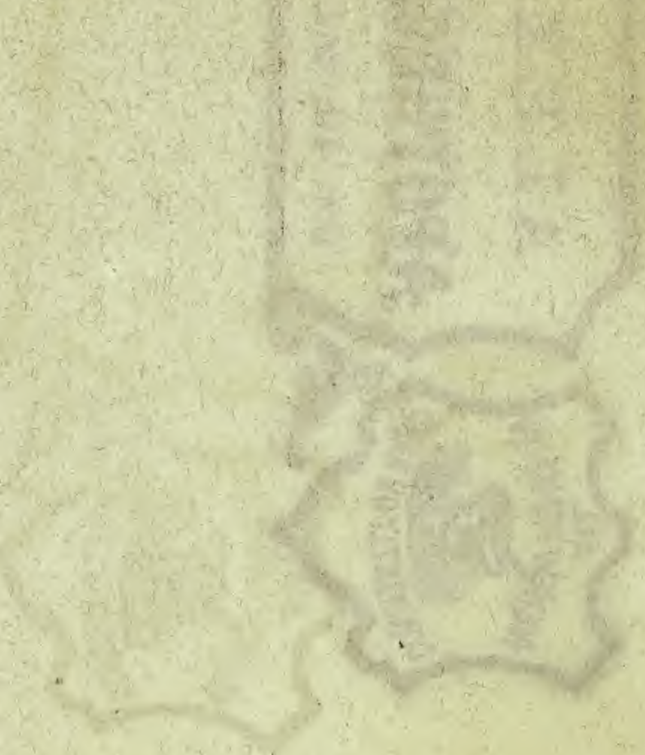
1716

mostly

one side oblique nearly parallel

Surface ×6

irregularly rugose-pitted



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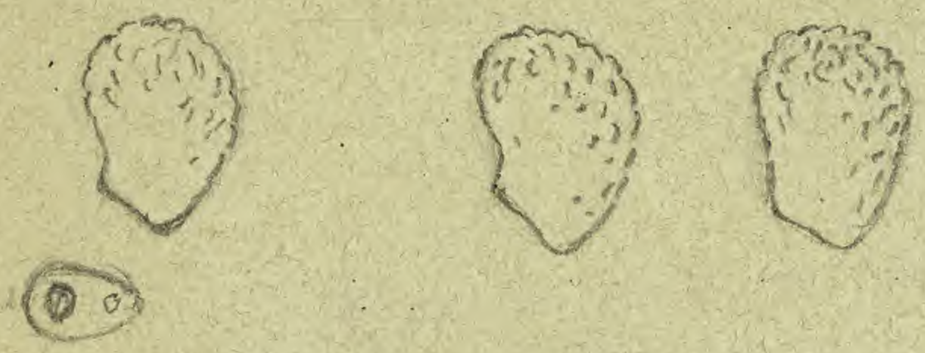
Cercus Chiotilla Weber — July 4 1870

Tehuacan, 1868 madame X misit

Fr Weber det 1869



4 times transverse

once oblique

upper edge of seed x60

new Fouquieria Gemmata
but seed smaller, hilum larger,
rugosity greater.

1717

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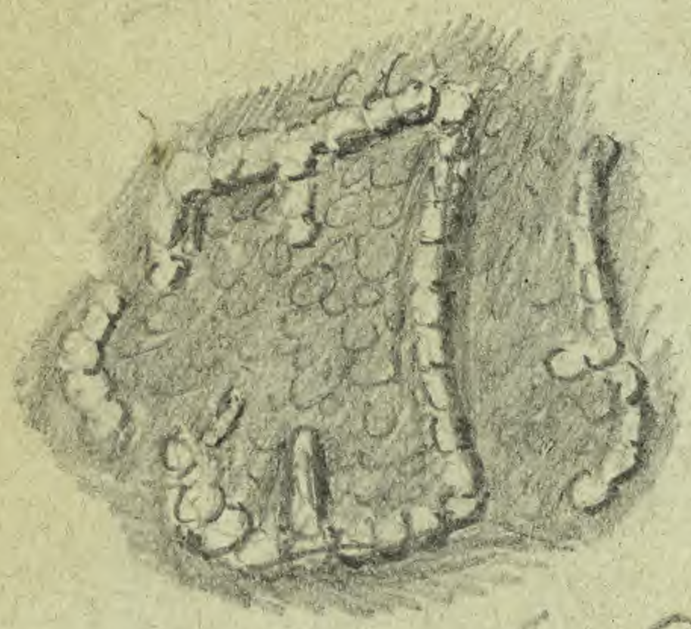
June 26 1870

Cereus geometrizans
= C. pugioniferus

Mexico, Dr Roezl, July 1850

× 8

1718



surface of seed ×60
ridged and irregularly
pitted somewhat
rugose

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Cereus pugionifer
San Luis Potosi, Dr Weber 1865

July 4 1870

× 8

1719

Surface
×60

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Cereus Martini Labouret Ann Soc d'Hortic.
de Ca Haute Garonne 1854
= Cer monacanthus Lemaire, the older name
[but not published?]

Republ. Argentina!

1838 Cer tortuosus Forby both from the La Plata
the Desh name 1837 Cer Bonplandi Parm. regions are close
relatives — perhaps only forms of
the same type

1720

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The following new works also appear worthy of note: CAZENAVE (Dr. ALPHÉE) General Pathology of *Diseases of the Skin*, Daffis, Paris. CORNILLIAC, Chronological and historical researches on the origin and propagation of *Yellow Fever on the Antilles*, 2 vols. 8vo., Baillière et fils, Paris. VIRCHOW, "*Ueber den Hungertyphus*," and some allied forms of disease, Hirschwald, Berlin. BRÉBANT, *Epidemic Cholera* considered as a personal (?) morbid affection; its pathological physiology and rational therapeutics, Delahaye, Paris.

Surgery.—There are few announcements of any importance in this branch. Prof. RICHARD, Surgeon to Beaujon Hospital, Paris, has written an "Everyday Practice of Surgery"—(*pratique journalière de la chirurgie*)—of 703 pp. 8vo, with 215 original illustrations, Germer Baillière. HOLMES' work on the *Surgical Diseases of Children* has been issued. Of GIRALDÈS work on the same subject, the 3d fasciculus has appeared. Also, SPENDER, Manual of the pathology and treatment of *Ulcers and Cutaneous Diseases of the Lower Limbs*, Churchill, London.

Dr. AUDRIEN, a Paris dentist, is preparing a work entitled "*Complete Treatise on Stomatology*," comprising the anatomy, physiology, pathology, therapeutics, hygiene, and prothesis of the mouth,—the first part (1 vol.) of which has been issued by L. Leclerc, Paris.

In Ophthalmology we note: GALEZOWSKI, on the *Diagnosis of Diseases of the Eye by Retinal Chromatoscopy*, preceded by a study on the physical and physiological laws of colors; illustrated, Baillière et fils.

Obstetrics. Diseases of Women.—Lea, Philad., has published a second, revised and improved editio[illegible]

its elimination as *stercorine* (in French lang.), 8vo., Germer Baillière, Paris. HELMHOLTZ' treatise on the *Physiological Theory of Music* has been translated into French.

Practical Medicine.—AITKEN'S *Science and Practice of Medicine* is out in a fifth enlarged edition (offered by Lippincott & Co., Philad., at $12 00); a second American edition is in press, Lindsay & Blakiston. The second part of LEBERT'S work on *Medical Practice* has appeared. Appleton & Co., N. Y., have in press a translation of the seventh German edition of v. NIEMEYER'S celebrated textbook of *Practical Medicine*, by Drs. Humphreys and Hackley;—so tardy an acknowledgment of its merit! A French translation is also in process of publication, Chamerot et Lauwereyns, Paris.

DURAND-FARDEL, *Traité pratique des maladies chroniques*, in 2 vols. 8vo., Germer Baillière, Paris, is probably a work of merit. On Diseases of Children three new works are announced: by Prof. ELLIOT, of New York (D. Appleton & Co., N. Y.); by J. LEWIS SMITH, M.D., Professor of Morbid Anatomy in Bellevue Hospital (Lea, Philad.); and by THOS. HILLIER, M.D., F.R.C.P., Phys. to the Hosp. for Sick Children, London (James Walton); the latter clinical treatise is republished in this country by Lindsay & Blakiston. Prof. HENOCH, of Berlin. has produced a new series of his *Contributions to Pædiatrics*, 8vo., pp. 434, Hirschwald.

The first volume of Dr. PAUL NIEMEYER'S "*Handbook of theoretical and clinical Percussion and Auscultation*, prepared from a historical and [illegible] standpoint," which we [illegible] time ago, has appeared, [illegible]ique [illegible]

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" Cereus Martini "

June 27 1870

Haage, Erfurt, mid. 1866

1721

× 5

frontal dorsal

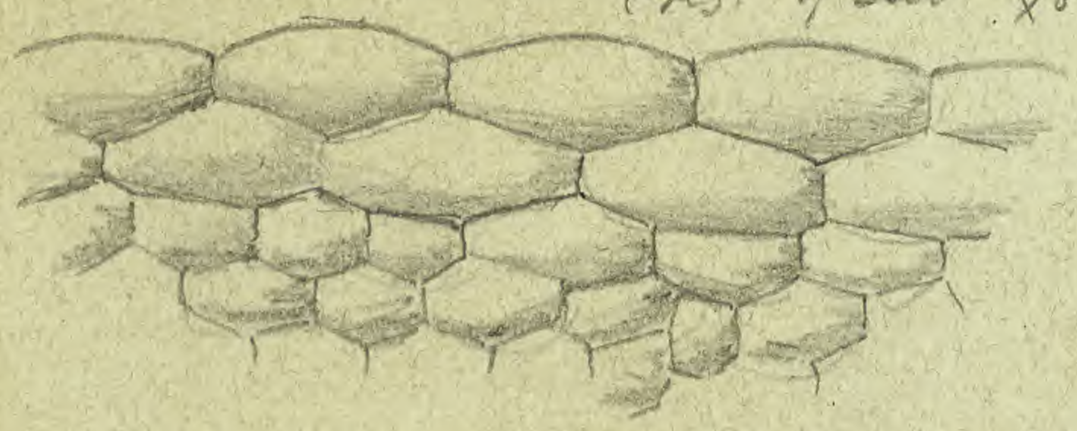
hilum circular, dep

seed hard crustaceous, crested, more compressed upwards than below; with flesh tuberculey, mark Large and Longer on crest

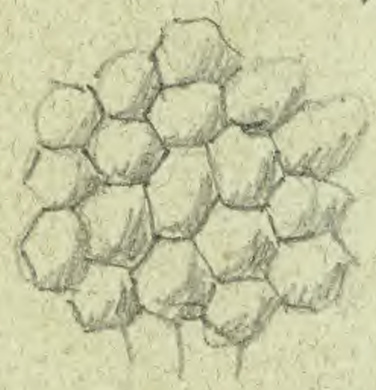
face

side of seed

× 60



crest of seed × 60



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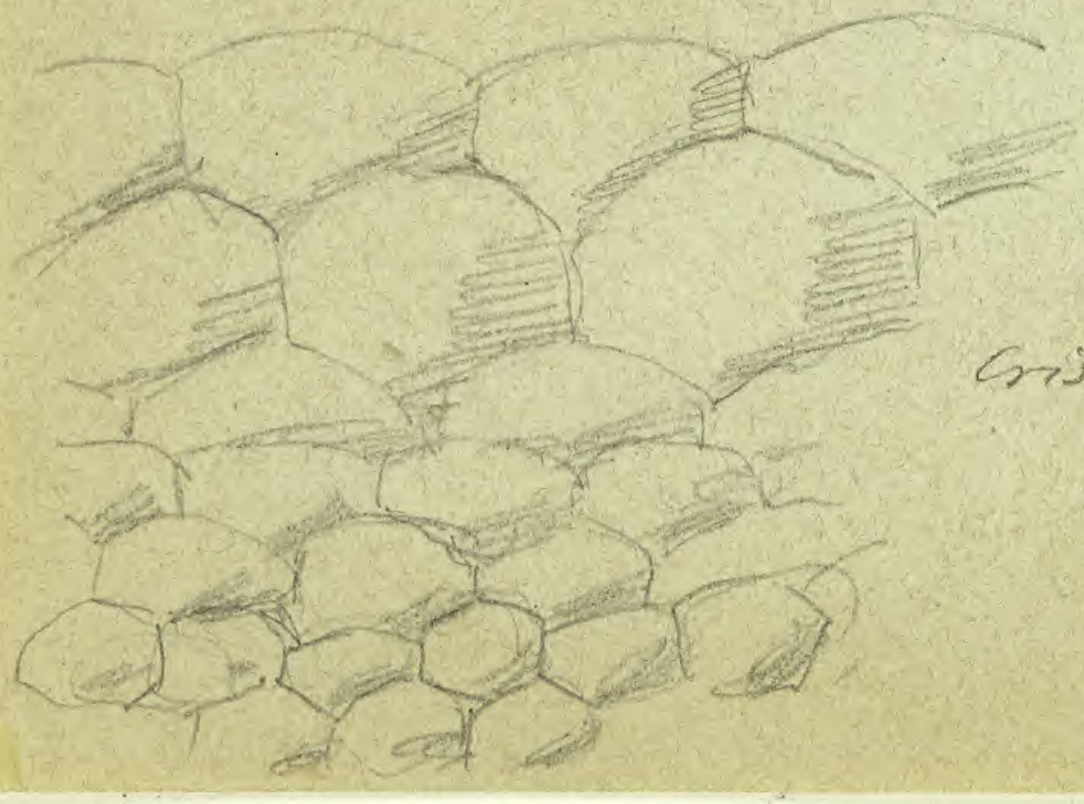
Cerura Martinii

July 4 1870

Hort Kew Sept 1869

×8

ventral view of cap



Cristæ of Testa × 60

Side of Testa × 60

1722

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"Cereus Tortuosus" Forbes July 3d 1870

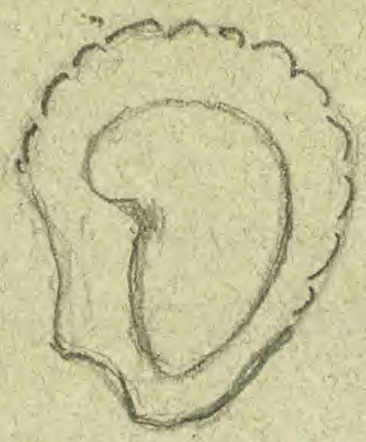
Hort Col Venet. Jan 24 1858

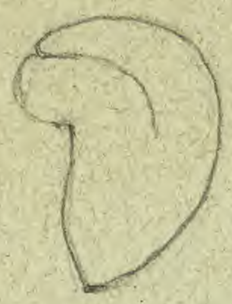
Buenos Ayres

"Ft de Fr. Cactaceæ"

1723

×8





hilum nearly circular, deep

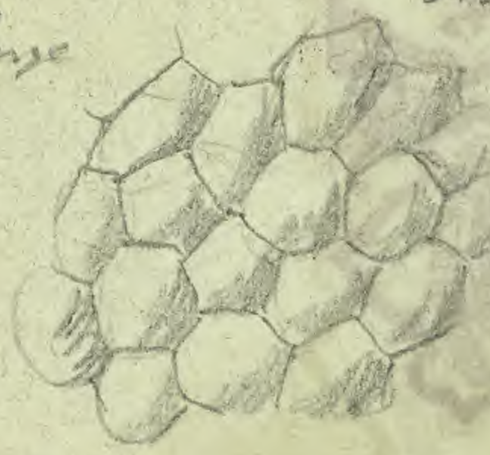
seed with strong crista, tuberculated testa pits

all 5 or 6 embryos examined have the same arrangement of Cotyledons, transverse, and appear are much smaller than lower one, which is unusual

crista ×60

tubercles large almost isolated

side of testa ×60



reticulated cells convex

Largest tubercles 1/4 – 1/3 mm diam

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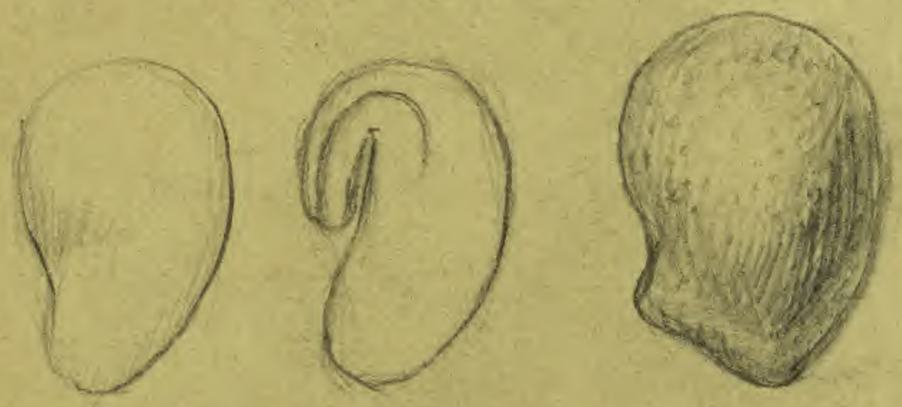
V. 70 Cereus Palmeri sent by Dr E. Palmer Jan. 1870

× 8



arobes bearing 5–8 short stout spines

may it not be = C. edulis Web.
& C. pringlei ?
compare Cact Bound. tab 60
fig 5 & 6)

yes!

Germinates in May 1870 — in December. 4 angled, bourngreen
bunches of spines

1724

Palmer says: Branching (articulate ?) plant weighed down by the heavy fruit, which is greenish yellow.
Stems 3–4 angular? plant 4–5 feet high

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4 Cereus.

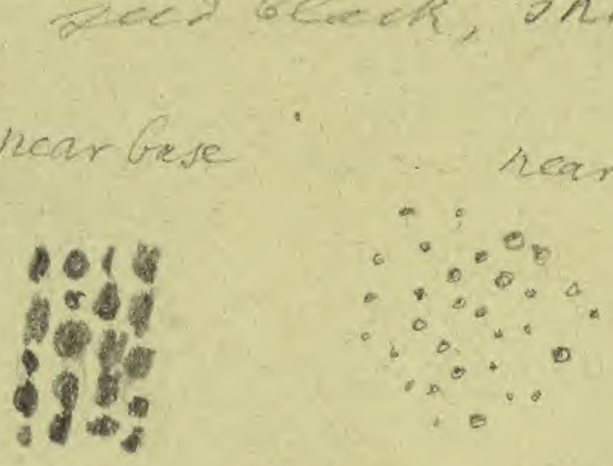
July 21 1870

Valestena, Cuba Oct 12 1865

"climbing"

1 Near C. grandiflorus

seed black, shining



near base

near top

surface of seed x 60

1725

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neben, der Reiz oder n Frau hätte ihn an sich nicht gehindert, seine Gefühle deutlicher erkennen zu geben. Es war nur ein inneres Zagen, die Scheu vor Leontinens Glanz und Reichthum, die ihn von dem wieder mächtigen auftauchenden Ideale seiner Träume entfernt hielt. Und in dieser Zeit begannen Michael Herzen's seelenkünstlerische Experimente. Sie gelangen ihm mit überraschendem Erfolge. Sonst hatte er Fülle und Redlichkeit befördert, hatte geschmollt, wenn die Reste eines Balls oder Diners zu rasch verschlossen oder kleinlich und ängstlich gehütet wurden; jetzt fing er an, unscheinbar seine Gattin darin gewähren zu lassen. Damit nicht genug, brachte er eine ökonomische Frage nach der andern aufs Tapet. Auf die harmloseste Weise warf er kleine Alternativen von Mehr- oder Minderausgaben hin, ließ Aussichten über Gewinn oder Verlust fallen und schilderte wie zufällig die Vortheile, die sich ihm im Geschäft wie von ungefähr gemacht hätten. Es erschreckte ihn fast, wie diese geheime in Leon-

Wäsche oder des übrigen Hausverbrauchs etwas anzulegen. Für diese Pläne bedurfte sie dann der Anlehnung, eines Mitverschworenen, eines geheimen Verbündeten. Es geschah mit klügstem Takte, daß Michael den Reiz des Geheimnisses, der ihn plötzlich mit seiner Gattin verband, nicht mißbrauchte.

Indessen trat hier eine Gefahr ein. Die Grazien konnten verloren gehen — —

In die gewaltige Gährung, in die Leontine durch die Seelenkünste ihres Mannes versetzt war, fiel die Geburt ihres zweiten Kindes. Es war dies ein Mädchen. Die Aeltern waren glücklich über das Pärchen. Es ging Alles nach Wunsch. Michael klagte schon nicht mehr. Leontine hatte sich plötzlich auffallend verändert, ohne daß es die Aeltern recht begreifen konnten. Ob Leontine — es selbst begriff? . . . Sechs Wochen nach Ankunft der kleinen Rahel fuhr die Mutter aus . . . Es war ein wundervoller Frühlingstag. Der Wagen zog langsam. Die Promenaden um die Stadt blühten und grünten. Leontine sog die balsa-

CLYMER. In 2 vols. Vol. I. Philadelphia: Lindsay &
8vo., pp. 927.
book of Vaccination. Philad.: J. B. Lippincott & Co.,
383.
linical Lectures on Diseases of the Liver, Jaundice and
sy. New York: Wm. Wood & Co., 1868. 8vo., pp. 556.
f the 18th Anniversary Meeting of the Illinois State
Chicago, 1868. 8vo., pp. 110.
f the 23d Annual Meeting of the Ohio State Medical
nati, 1868. 8vo., pp. 201.
ervative Surgery in its general and successful adaptation
e Traumatic Injuries of the Limbs, with a report of cases.
8vo., pp. 215.—From the author.
tlines of Physiology, Human and Comparative. With
G. SMITH, M.D. Philad.: Henry C. Lea, 1868. 8vo.,

edica in its Scientific Relations. (Anonymous.) New
68. 8vo., pamphlet, pp. 42.
s Nyctalopica. Translated by J. F. WEIGHTMAN, M.D.
& Blakiston, 1868. 8vo. pamphlet, pp. 23.

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"		23d	52	43	95	11	49
"	Oct.	2d	64	52	116	10	54
"	"	9th	52	36	88	8	45
"	Aug.	16th	58	35	93	15	33
"	"	23d	55	42	97	15	53
"	"	30th	55	42	97	4	42

Total No. of Deaths in Sept.....501— Death Rate†.....25.05
" " " Oct.....424— " " 20.43

* Still-born are not included in list of deaths.

† The ratio of deaths per annum per mille of inhabitants. The number of inhabitants not being exactly known and constantly varying, these figures are approximative only based on the official estimates of the population.

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...on Moritz Sancho nach
...rade heute! Gerade in
Sie erwiderte erblassend;
zu fahren. Sie gerieth
, die sie zwang, sich das
Sie war in einer Stim-
flung wie damals, als sie
Gemahl zum ersten male
daß ihr die Aeltern diese
Weiteres erwählt hatten;
yl, als müßte sie, um die
gewinnen, sogar aus sich
doch waren es nicht To-
sie durchrieselten, sondern
ebenstriebe pulsten und
in Frühlingswallungen
Den ganzen Tag war
.... Am folgenden Tage
rklich Herrn Dr. Moritz
sann sich einen Augenblick,
men sollte... Sie nahm
n längst ersehnten, Hülfe
d.

abgereisten Freun...
nommen, sich nicht als Nachbar wissen kön-
nen, ohne dem Drange Folge zu geben, sich
wieder bei dieser hochgeachteten Familie ins
Gedächtniß zurückzurufen.

Diese Erklärung war besonnen und zustat-
ten kam ihm auch ohne die Krisis in Leonti-
nen jene bekannte Thatsache, daß eine junge
Frau zwar in den ersten Jahren ihrer Ehe
ihre Vergangenheit für zu geringfügig hält,
um sich mit ihr noch besonders viel zu befas-
sen; sind aber erst zwei Jahre vergangen,
kommt mit zwei Kindern mehr oder weniger
der Druck der Pflichten und löst zuweilen
die Freuden selbst des glücklichsten Besitzes
mit Sorgen ab, so drängt sich auch durch die
leis geöffnete Pforte der Reflexion die Ver-
gangenheit wieder in das sich selbst schon un-
klar gewordene Herz und zu gern hat es eine
junge Frau dann, Gespielen, alte Freundin-
nen, alte Plätze der Träumerei und des un-
schuldigen Spiels oder, wie sie es vielleicht
jetzt schon nennt, Glücks zu begrüßen. Leon-
tine mußte sich eingestehen, daß ihr Sancho's

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"Cereus grandiflorus Mayor"

June 28 1870

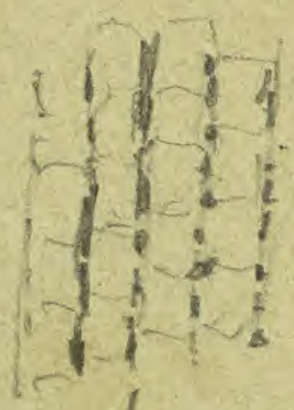
Hage, Erfurt, mus. 1866

1726

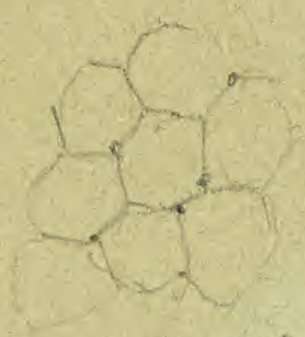
×8

Surface shining black

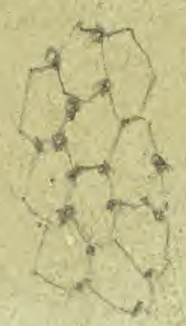
Surface ×60



towards base & near back



Surface on side upwards



Near base on side

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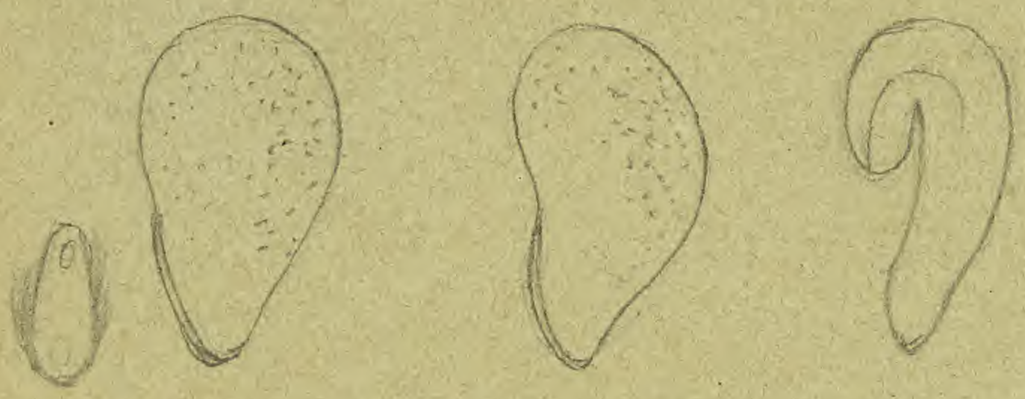
Cereus nyctiralles

Cult. Hort Grieve, St Louis 1859

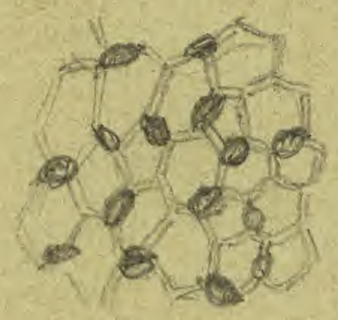
July 16 1870

1727

flowers impregnated with Pollen of C. grandiflorus



×8



surface ×60

reticulated, and irregularly pitted

difference of nyctiralles & grandiflorus

seed of nyctiralles straighter on ventral side, more and deeper punctate, hilum broader, larger, more prominent, wider at lower end

0 1 2 3 4 5 6 7 8 9 10
cm
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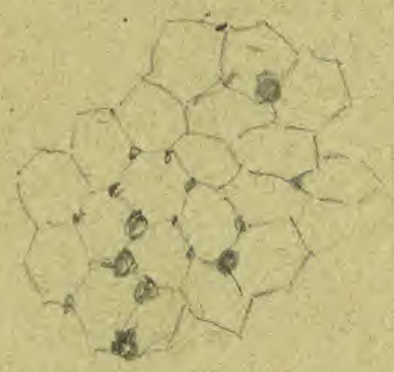
Cer grandiflorus July 17 1870

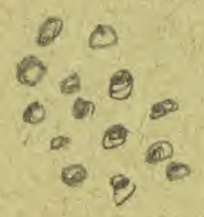
Cult Hort grieve, St Louis 1859

1728

x8



Surface of seed x60 obliquely
obliterated and sometimes irregularly
pitted



pits more rounded towards base
of seed

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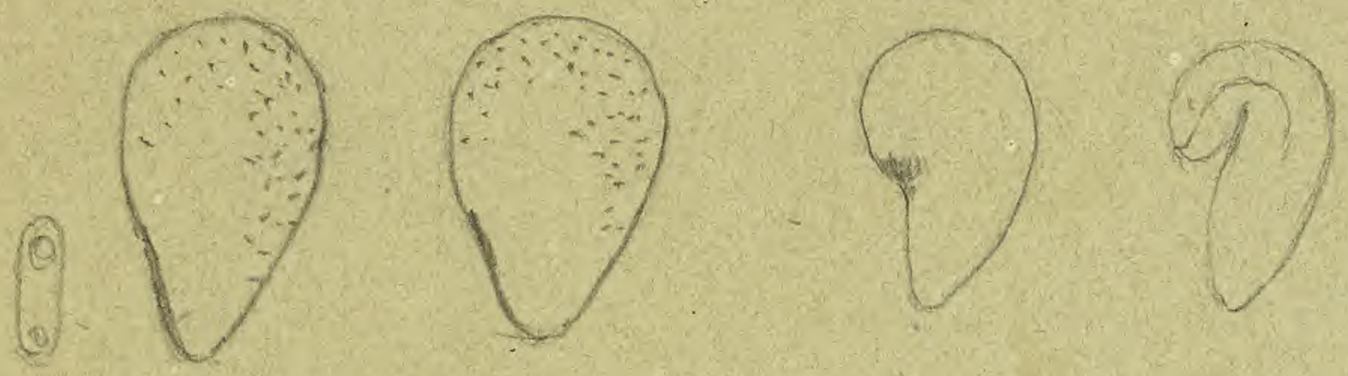
Cer. sperabilissimum

June 29 1870

forticyd with Pollen of C. phyllanthoides

Hook Windson. 1340

Rec'd 1858



surface ×60

irregularly pitted

1729

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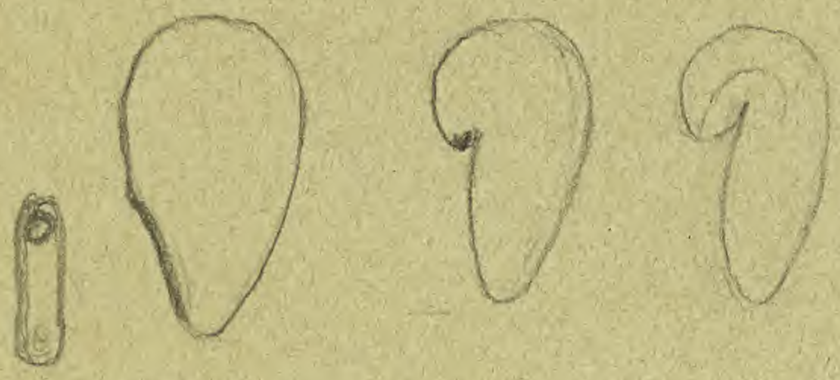
Carum opercularis (Moench) Boiss. var. Kochii (Bieb.) Boiss. ex Baumann, Linnaea 29 1858

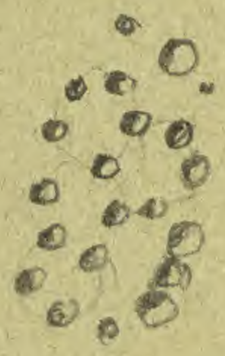
Carum opercularis var. Kochii Boissier

coll. Baumann, Vienna, 1857 1730

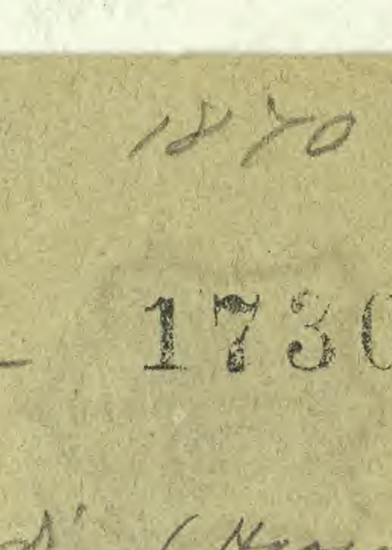
The seeds of var. Magnardi (Naeg. & Peter.) Gaudin (Moench) are identical

x5





surface x60
pitted
shining



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cm
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July 6 1870

Cereus spinosissimus

Berger, Berlin, 1868

seen once

surface ×60

punctate dotted

irregular

1731

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cm
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cm
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